

CLAIMS

What is claimed is:

- 1     1.     A system for providing notifications based on a plurality of resources,  
2     comprising:  
3         a first program that receives notification alerts from the plurality of  
4     resources, generates notifications based on the notification alerts, and delivers the  
5     notifications; and  
6         a second program that receives and presents the notifications without  
7     generating an interrupt and provides access to a designated resource.
- 1     2.     The system of claim 1, wherein the second program presents the  
2     notifications as interactive sprites.
- 1     3.     The system of claim 1, wherein the notifications comprise dynamic data.
- 1     4.     The system of claim 1, wherein the designated resource comprises a  
2     program.
- 1     5.     The system of claim 1, wherein the designated resource comprises a  
2     program that generated the corresponding notification alert.

1       6.       The system of claim 1, wherein the first program provides a centralized  
2       interface for a resource generating a notification alert.

1       7.       The system of claim 1, wherein the second program provides a single  
2       presentation interface for a resource generating a notification alert.

1       8.       The system of claim 1, wherein the second program provides a single input  
2       interface to interact with a resource generating a notification alert.

1       9.       The system of claim 1, wherein the second program provides receipt  
2       confirmations for successfully delivered notifications.

1       10.      The system of claim 1, wherein the notification alerts comprise notification  
2       content and recipient identification.

1       11.      The system of claim 1, wherein the notification alerts specify a notification  
2       type for the notification.

1      12.      The system of claim 11, wherein the notification type specifies at least one  
2      of:  
3              format;  
4              priority level;  
5              retry schedule;  
6              escalation schedule.

1      13.      The system of claim 12, wherein the format comprises at least one of:  
2              graphics;  
3              video;  
4              audio;  
5              text.

1      14.      The system of claim 1, further comprising a user interface module that  
2      allows a user to configure and customize the system.

1      15.      The system of claim 1, further comprising a system reporting module that  
2      monitors and reports system activities.

1 16. A system for providing notifications based on a plurality of resources,  
2 comprising:

3 a server executing a first program for receiving notification alerts from the  
4 plurality of resources, generating notifications based on the notification alerts, and  
5 delivering the notifications; and

6 a client executing a second program and a third program, said second  
7 program receiving and presenting the notifications without interfering with  
8 execution of said third program, and providing access to a designated resource.

1 17. The system of claim 16, wherein the third program comprises a program  
2 executing in the foreground of the client.

1 18. The system of claim 16, wherein the second program does not generate  
2 interrupts in course of receiving and presenting the notifications.

1 19. The system of claim 16, wherein the second program presents the  
2 notifications as interactive sprites.

1 20. The system of claim 16, wherein the notifications comprise dynamic data.

1 21. The system of claim 16, wherein the designated resource comprises a  
2 program.

1 22. The system of claim 16, wherein the designated resource comprises a  
2 program that generated the corresponding notification alert.

1 23. The system of claim 16, wherein the first program provides a centralized  
2 interface for a resource generating a notification alert.

1 24. The system of claim 16, wherein the second program provides a single  
2 presentation interface for a resource generating a notification alert.

1 25. The system of claim 16, wherein the second program provides a single  
2 input interface to interact with a resource generating a notification alert.

1 26. The system of claim 16, wherein the second program provides receipt  
2 confirmations for successfully delivered notifications.

1 27. The system of claim 16, wherein the notification alerts comprise  
2 notification content and recipient identification.

1      28.      The system of claim 16, wherein the notification alerts specify a notification  
2      type for the notification.

1      29.      The system of claim 28, wherein the notification type specifies at least one  
2      of:

3              format;  
4              priority level;  
5              retry schedule;  
6              escalation schedule.

1      30.      The system of claim 29, wherein the format comprises at least one of:

2              graphics;  
3              video;  
4              audio;  
5              text.

1      31.      The system of claim 16, further comprising a user interface module that  
2      allows a user to configure and customize the system.

1     32.     The system of claim 16, further comprising a system reporting module that  
monitors and reports system activities.

1     33.     A system for providing interactive notifications based on a plurality of  
2     resources, comprising:

3             a notification manager that generates notifications based on the notification  
4     alerts received from the plurality of resources, and delivers the notifications;

5             a notification device; and

6             a client operatively coupled to the notification device that receives the  
7     notifications and presents the notifications as interactive sprites on the notification  
8     device.

1     34.     The system of claim 33, wherein the interactive sprites comprise dynamic  
2     data.

1     35.     The system of claim 33, wherein the designated resource comprises a  
2     program.

1     36.     The system of claim 33, wherein the designated resource comprises a  
2     program that generated the corresponding notification alert.

1 37. The system of claim 33, wherein the notification manager provides a  
2 centralized interface for a resource generating a notification alert.

1 38. The system of claim 33, wherein the client provides a single presentation  
2 interface for a resource generating a notification alert.

1 39. The system of claim 33, wherein the client provides a single input interface  
2 to interact with a resource generating a notification alert.

1 40. The system of claim 33, wherein the client provides receipt confirmations  
1 for successfully delivered interactive notifications.

1 41. The system of claim 33, wherein the notification alerts comprise  
2 notification content and recipient identification.

1 42. The system of claim 33, wherein the notification alerts specify a notification  
2 type for the interactive sprite.



1 43. The system of claim 32, wherein the notification type specifies at least one  
2 of:  
3 format;  
4 priority level;  
5 retry schedule;  
6 escalation schedule.

1 44. The system of claim 43, wherein the format comprises at least one of:  
2 graphics;  
3 video;  
4 audio;  
5 text.

1 45. The system of claim 33, further comprising a user interface module that  
2 allows a user to configure and customize the system.

1 46. The system of claim 33, further comprising a system reporting module that  
2 monitors and reports system activities.

1 47. A method for providing interactive notifications, comprising the steps of:

- 2 (a) receiving notification alerts by operation of a plurality of resources;
- 3 (b) generating interactive notifications based upon content of the
- 4 notification alerts;
- 5 (c) presenting the interactive notifications through a client without
- 6 interfering with operation of the client; and
- 7 (d) providing access to a designated resource through the interactive
- 8 notifications.

1 48. The method of claim 47, wherein said step (c) includes presenting the

2 interactive notifications as interactive sprites.

1 49. The method of claim 47, wherein said step (c) includes presenting dynamic

2 data through the interactive notifications.

1 50. A computer readable medium storing a set of instructions which when

2 executed by a computer causes the computer to provide a system for providing

3 interactive notifications by performing the following steps:

- 4 (a) receiving event notification alerts by operation of a plurality of
- 5 resources;

6 (b) generating interactive notifications based upon content of the event  
7 notification alerts;

8 (c) presenting the interactive notifications through a client without  
9 interfering with operation of the client; and

10 (d) providing access to a designated resource through the interactive  
11 notifications.

1 51. The computer readable medium of claim 50, further including instructions  
2 to perform the following step:

3 presenting the interactive notifications as interactive sprites.

1 52. The computer readable medium of claim 50, further including instructions  
2 to perform the following step:

3 presenting dynamic data through the interactive notifications.